CLAIMS

1. A method for treating the smell of the human foot making use of an active deodorizing principle, characterized in that said active principle consists of elementary sulphur or, in any case, a substance capable of liberating elementary sulphur.

2. The method according to claim 1, wherein said active principle is utilized for treating or, partially or wholly, impregnating textile and/or footwear products intended to be worn on the foot.

3. The method according to claim 2, wherein said textile products are treated or impregnated with a composition comprising, besides said active principle, a resin capable of stably fixing said active principle to said products and to release it gradually in the course of time.

4. The method according to claim 3, wherein said active principle and said resin are distributed in a non-aqueous composition with which said products are impregnated or sprayed.

5. The method according to claim 3 or claim 4, wherein said active principle and said resin are distributed in an aqueous bath in which said products are immersed.

6. The method according to claim 5, wherein said active principle in said aqueous bath has a concentration comprised between 0,3 and 1.0 g/l, said resin being a silicon resin and having a concentration comprised between about 10 and 20 g/l, said aqueous bath comprising also a cationic surfactant and a softener having a concentration of, respectively, between about 10 and 20 g/l and between about 2 and 5 g/l.

7. The method according to claim 6, wherein said aqueous bath is brought to a temperature of at least 40°C.

8. The method according to claim 5, wherein said active principle has a concentration comprised between 5 and 10 g/l and is emulsified with a non-ionic surfactant, said resin being an emulsified acrylic resin and having a concentration comprised between about 3 and 5 g/l, the bath having a pH made slightly acid by means of acetic acid in case of wool-base products or a neutral pH in case of products with a cellulose base.

9. The method according to claim 8, wherein said textile products, subsequently to said bath, are wrung and dried at a temperature of at least about 150°C in order to polymerize said acrylic resin.

10. The method according to claim 2, wherein said active principle is mixed with a glue utilized for assembling a shoe or a part thereof.

11. The method according to any one of the preceding claims, wherein said active principle is wettable micronized sulphur.

12. A composition for the deodorizing treatment of the human foot making use of an active deodorizing principle, characterized in that said active principle is elementary sulphur.

13. The method according to claim 12, capable of being utilized for partially or integrally treating textile and/or footwear products intended to be worn on the foot, comprising in addition to said active principle also a resin capable of stably fixing said active principle on said products and to release it gradually in the course of time.

14. The method according to claim 13, comprising said active principle and said resin distributed in an aqueous bath in which said products are immersed.

15. The method according to claim 14, wherein said active principle has a concentration comprised between 0,3 and 1.0 g/l, said resin being a silicon resin and having a concentration comprised between about 10 and 20 g/l, said aqueous bath comprising also a cationic surfactant and a softener having a concentration of, respectively, between about 10 and 20 g/l and between about 2 and 5 g/l.

16. The method according to claim 14, wherein said active principle has a concentration comprised between 5 and 10 g/l and is emulsified with a non-ionic surfactant, said resin being an emulsified acrylic resin and having a concentration comprised between about 3 and 5 g/l, the bath having a pH made slightly acid by means of acetic acid in case of wool-base products or a neutral pH in case of products with a cellulose base.

17. The method according to claim 12, wherein said composition is a deodorizing cream for local application, comprising about 3% by weight of elementary sulphur mixed with vaseline and lanoline in equal percentages.

18. The method according to claims 12 to 17, wherein said active principle is wettable micronized sulphur.

19. Textile and/or footwear products integrally or partially impregnated or treated with a composition in accordance with any of claims 12 to 18.